

VICINITY MAP



BASIS OF BEARING: CITY OF SEATTLE "GIS"

COORDINATE BASIS:
MONUMENT (1) HELD: MON @ INTERSECTION OF NW 110TH ST & PALATINE AVE N FOR LOCATION: Y FOR AZIMUTH: Y

MONUMENT (2) HELD: MON @ INTERSECTION OF NW 110TH ST & 4TH AVE NW FOR LOCATION: N FOR AZIMUTH: Y

MONUMENT (3) HELD: NA FOR LOCATION: NA FOR AZIMUTH: NA

BENCH (1) FIELDBOOK/PAGE: 2045E PG 42 (ON PALATINE AVE N)
BENCH (2) FIELDBOOK/PAGE: 2045E PG 42 (ON STEPS TO CHURCH ON GREENWOOD AVE N)
CITY DATUM/NAVD88 DIFFERENCE: NAVD 88 IS 9.74' HIGHER THAN CITY DATUM

PROJECT NUMBER: C301320

ALT. PROJECT NUMBER: C399314 (ORIGINAL TOPO SURVEY OF 2/2000)

FIELD BOOKS: 2045E PP 74-94

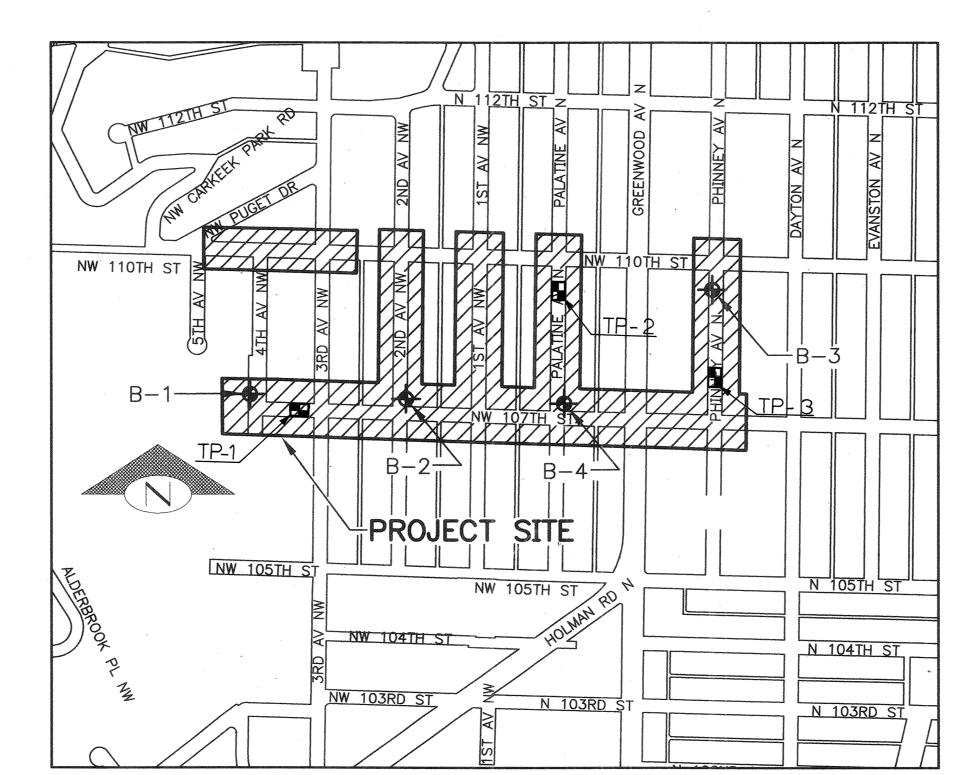
REFERENCE DOCUMENTS:

STREET STATIONING: ASSUMED, 0+00 AT INTERSECTION OF GREENWOOD AVE N STREET STATIONING FBK/PLAN: NA

DATE: 12/7/2001 INITIALS: KEY

GEOREGISTRATION NOTES:

COMMENTS: USES ADDITIONAL TOPO AND REVISED DATA FROM SURVEY OF 12/4/2001

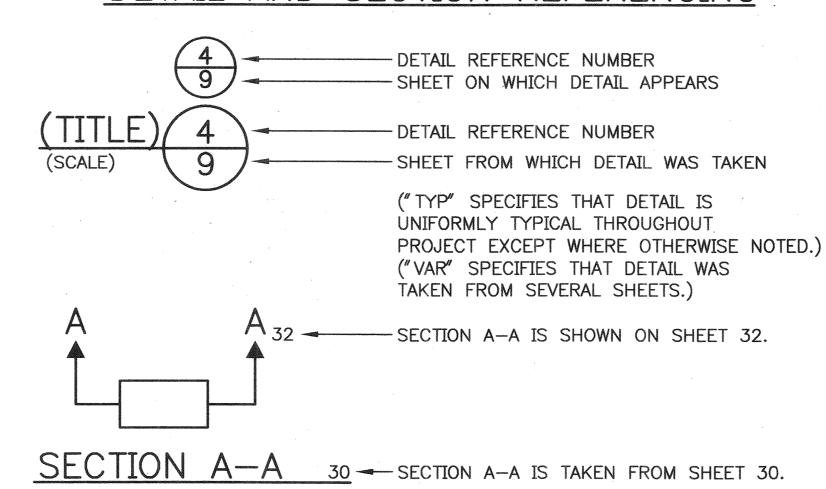


LOCATION MAP

SCALE: 1"=400'
SOIL BORING LOCATIONS

■ TEST PIT LOCATIONS

DETAIL AND SECTION REFERENCING



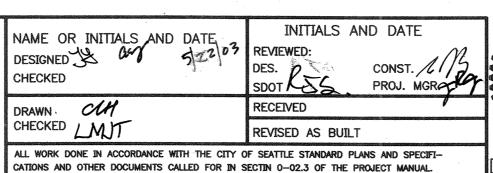
SHEET INDEX

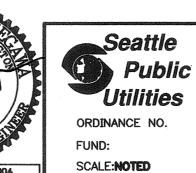
	SHEET DESCRIPTION
1	VICINITY MAP, GENERAL NOTES, SURVEY DATUM BLOCK & DETAIL AND SECTION REFERENCING
2	DRAINAGE, GRADING, PAVING, WATER & T.E.S.C. NOTES
3	TYPICAL RIGHT-OF-WAY CROSS SECTIONS
4	CASCADE TESC PLAN (TYP) INFORMATIONAL ONLY
5	SEA STREET TESC PLAN (TYP) INFORMATIONAL ONLY
6-7	NW 107TH ST - REMOVAL & PROTECTION PLAN
8-13	NW 107TH ST - DRAINAGE PLAN & PROFILE
14-15	NW 107TH ST - PAVING PLAN
16-17	NW 107TH ST - LANDSCAPING PLAN
18	PHINNEY AVE N/N 107 ST - REMOVAL AND PROTECTION PLAN
19	PHINNEY AVE N/N 107 ST - DRAINAGE PLAN
20	PHINNEY AVE N - DRAINAGE PROFILE, WEST SIDE
21	PHINNEY AVE N - DRAINAGE PROFILE, EAST SIDE
22	N 107TH AVE - DRAINAGE PROFILE, NORTH SIDE
23	PHINNEY AVE N/N 107 ST - PAVING PLAN
24	PHINNEY AVE N/N 107 ST - PAVING PROFILE
25	PHINNEY AVE N/N 107 ST - LANDSCAPING PLAN
26	PALATINE AVE N - REMOVAL & PROTECTION PLAN
27	PALATINE AVE N - DRAINAGE PLAN
28	PALATINE AVE N - DRAINAGE PROFILE, WEST SIDE
29	PALATINE AVE N - DRAINAGE PROFILE, EAST SIDE
30	PALATINE AVE N — PAVING PLAN
31	PALATINE AVE N - LANDSCAPING PLAN
32	1ST AVE NW - REMOVAL & PROTECTION PLAN
33	1ST AVE NW - DRAINAGE PLAN
34	1ST AVE NW - DRAINAGE PROFILE, WEST SIDE
35	1ST AVE NW - DRAINAGE PROFILE, EAST SIDE
36	1ST AVE NW - PAVING PLAN
37	1ST AVE NW — PAVING PROFILE
38	1ST AVE NW - LANDSCAPING PLAN
39	2ND AVE NW — REMOVAL & PROTECTION PLAN
40	2ND AVE NW - DRAINAGE PLAN
41	2ND AVE NW - DRAINAGE PROFILE, WEST SIDE
42	2ND AVE NW - DRAINAGE PROFILE, EAST SIDE
43	2ND AVE NW — PAVING PLAN
44	2ND AVE NW — PAVING PROFILE
45	2ND AVE NW — LANDSCAPING PLAN
46	NW 110TH ST - REMOVAL & PROTECTION PLAN
47	NW 110TH ST - DRAINAGE & PAVING PLAN
48	NW 110TH ST - LANDSCAPING PLAN
49-53	CASCADE DRAINAGE DETAILS
54-56	SEA STREET DRAINAGE DETAILS
57	PAVING DETAILS
58	MAILBOX DETAILS
59	IRRIGATION DETAILS

ADV. DATE: 6-27-03

Seattle Department of Transportation

APPROVED FOR ADVERTISING KENNETH J. NAKATSU DEPARTMENT OF EXECUTIVE ADMINISTRATION





City of Seattle Chuck Clarke, Director

APPROVED

INSPECTOR'S BOOK

BROADVIEW GREEN GRID 4TH AVE NW TO PHINNEY AVE N

C300329 C300329 VAULT PLAN NO. 777-580

SHEET 1 OF 59

SEWER AND DRAINAGE NOTES UNLESS OTHERWISE NOTED:

- 1. PIPE LESS THAN 12" DIAMETER SHALL BE CONCRETE PER ASTM C14 CLASS 3.
- 2. DUCTILE IRON PIPE SHALL BE PER ANSI A21.51 CLASS 52 WITH PUSH-ON JOINTS. FITTINGS FOR DUCTILE IRON PIPE SHALL BE DUCTILE PER ANSI A21.10 OR ANSI A21.53 WITH PUSH-ON JOINTS.
- 3. BEDDING SHALL BE CLASS B FOR ALL PIPE EXCEPT DUCTILE IRON PIPE (DIP). DIP LESS THAN 18" SHALL USE CLASS C BEDDING WHEN CROSSING UNDER PAVEMENT AND PAVEMENT SHOULDER AREAS ON AVENUES. ALL OTHER DIP SHALL USE CLASS D BEDDING.
- 4. WHERE A NEW PIPE CLEARS AN EXISTING OR NEW UTILITY BY 6" OR LESS, POLYETHYLENE PLASTIC FOAM SHALL BE PLACED AS A CUSHION BETWEEN EACH UTILITY.
- 5. SIDE SEWER CONNECTIONS SHALL BE PLACED AT A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 100% (45°). CATCH BASIN CONNECTIONS AND SERVICE DRAINS SHALL BE PLACED AT A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 50%. INLET CONNECTIONS SHALL BE PLACED AT A MINIMUM SLOPE OF 5% AND A MAXIMUM SLOPE OF 50%. FOR ALL TEES. THE CENTER POINT OF THE TEE SHALL BE INSTALLED NO LOWER THAN 30° AND NOT HIGHER THAN 45° ABOVE THE SPRINGLINE OF THE MAINLINE.
- 6. SERVICE DRAINS AND SIDE SEWERS SHALL BE CONNECTED/RECONNECTED AS APPROVED BY THE ENGINEER. SIDE SEWER CONNECTIONS UNDER SOIL WRAP WALL OR ROCK FACING SHALL BE PVC CLASS B. TYPE 22 WITH A DIP SLEEVE UNDER WALLS.
- 7. FOR ALL SIDE SEWERS WITHIN DITCH LOCATIONS, SEE SPECIAL PROVISIONS.
- 8. RELAY EXISTING SERVICE DRAINS/SIDE SEWERS TO CLEAR OVER OR UNDER THE NEW UTILITY AS APPROVED BY THE ENGINEER. SERVICE DRAINS AND SIDE SEWERS SHALL NOT BE BACKFILLED UNTIL THE PIPE HAS BEEN INSPECTED AND APPROVED AND THE LOCATION AND DEPTH IS RECORDED BY THE ENGINEER.
- 9. TEES ON NEW PIPE SHALL BE PREFABRICATED.
- 10. SOILS TEST BORING LOCATIONS ARE INDICATED ON THE VICINITY MAP. TEST DATA IS INCLUDED IN THE SPECIFICATIONS.
- 11. THE CONTRACTOR SHALL PROVIDE SUPPORTS FOR POWER POLES NEAR EXCAVATIONS PER SEATTLE CITY LIGHT STANDARDS NO. D3-6.
- 12. PVC PIPE AND FITTINGS SHALL BE PER ASTM D 1785, SCH 40 WITH EITHER RUBBER GASKETT JOINTS OR SOLVENT WELDED JOINTS. PVC PSS ADN PSD PIPES SHALL BE TESTED FOR EXCESSIVE DEFLECTION WITH A MANDREL PER SECTION 7-17.3(4) OF THE SPECIFICATIONS.
- 13. SUBSURFACE DRAIN (SSD) PIPE AND FITTINGS SHALL BE PVC PER ASTM D 1785, SCH 40. WITH SOLVENT WELDED JOINTS. PIPE SHALL HAVE SLOTTED PERFORATIONS PER SLOT LOCATION DETAIL. SLOTS ARE TO BE 0.069" WIDE (ON 45° CENTERS) BY 1.0" LONG AND SPACED 0.125" APART.
- 14. STRUCTURE STATIONING ON PLAN VIEWS MEASURED FROM RIGHT-OF-WAY CENTERLINE TO CENTER OF STRUCTURE.
- 15. DRAINAGE PROFILES ARE SHOWN THROUGH DRAINAGE FLOW LINE. RIGHT-OF-WAY CENTERLINE STATIONING SHOWN ON DRAINAGE PROFILES ARE APPROXIMATE AND FOR REFERENCE ONLY

EROSION CONTROL NOTES UNLESS OTHERWISE NOTED:

1. TEMPORARY EROSION CONTROL & STORM DRAIN BYPASS PLAN SHALL BE SUBMITTED BY CONTRACTOR AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN FOR REVIEW AND APPROVAL AT PRECONSTRUCTION MEETING.

WATER NOTES UNLESS OTHERWISE NOTED:

- WATER METER AND HYDRANT ADJUSTMENT OR RELOCATION SHALL BE BY SPU WATER. FOR WATER METER CONTACT DAN ENRICO, (206) 233-7184, 10 DAYS PRIOR TO ESTABLISHMENT OF ROUGH GRADE WITHIN THE TWO-FOOT ROAD SHOULDER (SEE SPECS). FOR HYDRANT CONTACT PAT LEE, (206) 618-1318, 15 DAYS PRIOR TO CONSTRUCTION.
- 2. SHEAR PADS SHALL BE PLACED AROUND ALL EXISTING AND PROPOSED WATER HYDRANTS. SEE PAVING NOTE 9.

GRADING NOTES UNLESS OTHERWISE NOTED:

- 1. GRADING SHALL CONFORM TO SHAPES AND CONFIGURATIONS SHOWN ON PLANS AND AS APPROVED BY ENGINEER. CONTRACTOR SHALL PROVIDE SMOOTH AND ROUNDED TRANSITIONS IN CONTOURS.
- 2. ANY GRADING WITHIN CRITICAL ROOT ZONE SHALL BE UNDER THE DIRECTION OF ENGINEER. SEE SPEC 1-07.16(2).
- 3. CONTRACTOR SHALL MEET AND MATCH ELEVATIONS OF STREET AND RIGHT-OF-WAY EDGES AND AT LIMITS OF GRADING WORK.
- 4. PRIOR TO CHANGING GRADE AT POWER POLES MORE THAN 0.5', CONTACT BILL CALDWELL AT SEATTLE CITY LIGHT AT (206) 615-0625, TO TREAT WOOD SURFACES.
- 5. TOP ONE (1) FOOT MINIMUM OF FINISH GRADE IN ALL SWALE GRADING AREAS SHALL BE BIORETENTION SOIL OR ENGINEERED SOIL MIX PER DETAILS AND SPECIAL PROVISIONS. ALL OTHER CLEAR AND GRUB AREA FLATTER THAN 2.5:1 SLOPE BEYOND SWALES SHALL HAVE 3-INCHES OF COMPOSTED MATERIAL ROTOTILLED INTO NATIVE SOIL TO A DEPTH OF 8" OR ENGINEERED SOIL, SEE LANDSCAPE PLANS AND SPECIAL PROVISIONS.
- 6. PROVIDE 3 INCHES MINIMUM OF SHREDDED MULCH OVER FINISH GRADE IN ALL CLEAR AND GRUB AND GRADING AREAS, EXCEPT IN SWALE BOTTOM. SEE SPECIAL PROVISIONS.
- 7. INSTALL JUTE MATTING OVER 3 INCHES OF SHREDDED MULCH ON ALL SLOPES 21/2H:1V OR STEEPER.
- 8. ALL BERMS ARE 2:1 SLOPE MIN. UNLESS OTHERWISE NOTED.
- 9. GRADING WITHIN SWALES SHALL BE 3:1 UNLESS OTHERWIASE NOTED.

STRUCTURAL NOTES UNLESS OTHERWISE NOTED:

 CONCRETE: PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS, CLASS AX FOR WALL CONSTRUCTION, f'c = 4,000 PSI, fc = 1.600 PSI

2. REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO AASHTO M31 (ASTM A615) GRADE 60; EPOXYCOATED, CONCRETE COVER TO BE 2 INCHES EXCEPT WHERE SHOWN OTHERWISE.

ANCHOR ROD: ANCHOR ROD SHALL BE STAINLESS STEEL CONFORM TO ASTM F593 W/ NUT & WASHER BY HILTI OR APPROVED EQUAL. INSTALL AS RECOMMENDED BY THE MANUFACTURER.

4. STRUCTURAL STEEL: STRUCTURAL CARBON STEEL FOR SHAPES AND PLATES SHALL CONFORM TO AASHTO M183 (ASTM A36); ALL INSTALL AS RECOMMENDED BY THE MANUFACTURER.

5. MACHINE BOLT: MACHINE BOLTS SHALL CONFORM TO ASTM-A307.

6. ALL CONNECTION MATERIALS, SUCH AS PLATES, ANGLES, POST BASES, MACHINE BOLTS, STAPLES, NAILS, SCREWS, CABLES, SWAGE SOCKETS, EYE BOLTS, TURNBUCKLES, ANCHORS AND HARDWARES ETC. SHALL BE GALVANIZED.

LANDSCAPING NOTES UNLESS OTHERWISE NOTED:

- 1. ALL TREE LOCATIONS ARE SUBJECT TO FIELD VERIFICATION BY THE ENGINEER PRIOR TO EXCAVATION OF TREE PITS TO ENSURE PROPER PLACEMENT WITH RESPECT TO VIEWS, SIGHT DISTANCES, AND CLEARANCES FROM STREET EDGE AND/OR UTILITIES.
- 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO REQUEST FIELD MARKING OF PLANT MATERIALS TO BE REMOVED (48 HOUR NOTICE). ALL PLANT MATERIALS NOT DESIGNATED TO BE REMOVED SHALL BE RETAINED AND PROTECTED. PLANT MATERIAL DESTROYED AND/OR IRREPARABLY DAMAGED DUE TO LACK OF DIRECTION AND/OR LACK OF PROPER CARE BY THE CONTRACTOR SHALL BE REPLACED IN KIND AND/OR EVALUATED TO ASSESS DAMAGE WITH VALUE DEDUCTED FROM THE CONTRACT.

PAVING NOTES UNLESS OTHERWISE NOTED:

- 1. JOINTS BETWEEN EXISTING PAVEMENT AND NEW ASPHALT SHALL BE BUTT JOINTS.
- 2. EXISTING ASPHALT PAVING SHALL BE REMOVED ON A NEAT LINE ADJACENT TO NEW CONSTRUCTION.
- 3. IF SUBGRADE SOFT SPOTS ARE ENCOUNTERED, THE CONTRACTOR SHALL OBTAIN REQUIRED COMPACTION IN ACCORDANCE WITH SECTIONS 2-06.3 (2) AND 2-06.3 (3) OF THE STANDARD SPECIFICATIONS.
- 4. PAVEMENT RESTORATION FOR CONCRETE STREETS AND CONCRETE WALKS WHICH ARE NOT SHOWN ON THE PLANS SHALL BE IN ACCORDANCE WITH THE "STREET AND SIDEWALK PAVEMENT OPENING AND RESTORATION RULES". THE CURRENT VERSION
- 5. REPLACEMENT OF CASTINGS AND COVERS WILL BE PROVIDED BY THE OWNER(S) OF THE UTILITIES. THE CONTRACTOR SHALL ADJUST ALL UTILITY CASTINGS AND METER BOXES TO GRADE PRIOR TO THE INSTALLATION OF THE FINAL WEARING COURSE. CASTINGS AND METER BOXES DAMAGED DUE TO THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE
- 6. CONTRACTOR SHALL NOTIFY SDOT(ROBERT BURNS AT 206-684-5370) FOUR(4) WORKING DAYS PRIOR TO SIGN, REMOVAL, RELOCATION OR REPLACEMENT. INSTALL SIGNS IN ACCORDANCE TO THE STANDARD PLANS.
- 7. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT (SHANE DEWALD AT 206-684-5041) FOUR (4) WORKING DAYS PRIOR TO TRIMMING ANY TREES.
- 8. EXISTING MONUMENT CASTINGS WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED OR RESET. CONTRACTOR SHALL CONTACT SPU SURVEY (RUSS DODGE AT 206-684-4674) FOUR (4) WORKING DAYS PRIOR TO REMOVING MONUMENT CASTINGS TO ENSURE THAT THE MONUMENTS ARE "TIED OUT" PRIOR TO REMOVAL.
- 9. INSTALL SHEAR BLOCKS AT ALL EXISTING & RELOCATED HYDRANTS WITHIN THE PROJECT LIMITS PER STANDARD PLAN 310A & 310B.
- 10. CR = 20'
- 11. ON AVENUES, CENTERLINE ALIGNMENT R=250'
- 12. FOR CONCRETE STEPS WITH LESS THAN 4 RISERS, SEE STANDARD PLAN 441. FOR CONCRETE STEPS WITH 4 OR MORE RISERS, SEE STANDARD PLAN 440. (HAND RAIL ON ONE SIDE ONLY).
- 13. CONTRACTOR SHALL NOTIFY ENGINEER AT LEAST 48 HOURS IN ADVANCE FOR COMPACTION TESTING. IF MOISTURE-DENSITY CURVES ARE REQUIRED, 48 HOURS AFTER COMPACTION TESTING AN OBTAINMENT OF IN-PLACE SAMPLES WILL BE REQUIRED TO PROCESS SAMPLES. CONTRACTOR SHALL NOT PROCEED WITH SUBSEQUENT RELATED WORK INCLUDING PAVING UNLESS RESULTS ARE OBTAINED. ANY COSTS ASSOCIATED WITH DELAYS AS RESULT OF NON-COMPLIANCE WITH THIS REQUIREMENT SHALL BE THE RESPONSIBILITY FO THE CONTRACTOR.

CALL 2 DAYS BEFORE YOU DIG 1-800-424-5555

DRAINAGE, GRADING, PAVING, WATER & T.E.S.C. NOTES

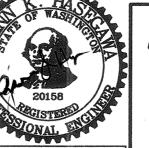
APPROVED FOR ADVERTISING KENNETH J. NAKATSU DEPARTMENT OF EXECUTIVE ADMINISTRATION SEATTLE. WASHINGTON

NAME OR INITIALS AND DATE DESIGNED TT any 4/12/09 CHECKED MAL

DRAWN DD STAFF

CHECKEDTMR

INITIALS AND DATI PROJ. MGR RECEIVED REVISED AS BUILT





FUND:

SCALE:NOTED

City of Seattle Chuck Clarke, Director APPROVED

BROADVIEW GREEN GRID 4TH AVE NW TO PHINNEY AVE N

9 PC **C300329** C300329 VAULT PLAN NO.

DIRECTOR. CONTRACTING SERVICES

ALL WORK DONE IN ACCORDANCE WITH THE CITY OF SEATTLE STANDARD PLANS AND SPECIFI ATIONS AND OTHER DOCUMENTS CALLED FOR IN SECTIN 0-02.3 OF THE PROJECT MANUA

INSPECTOR'S BOOK

777-580 SHEET 2 OF 59